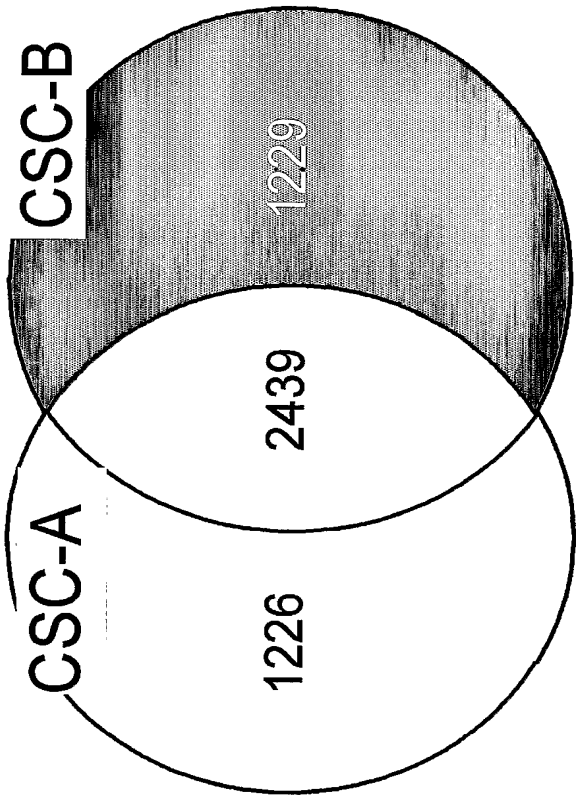


FIGURE 1A

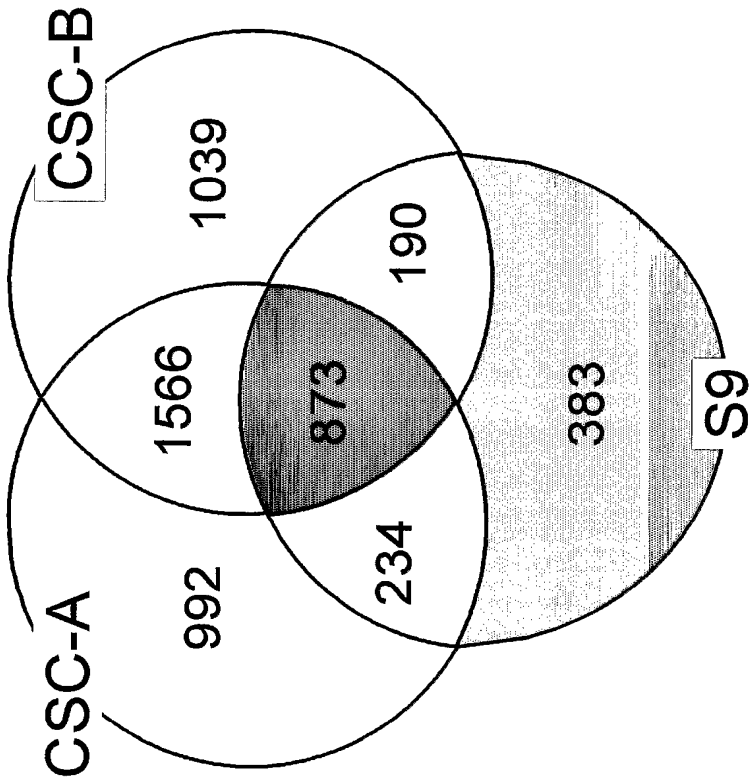


FIGURE 1B

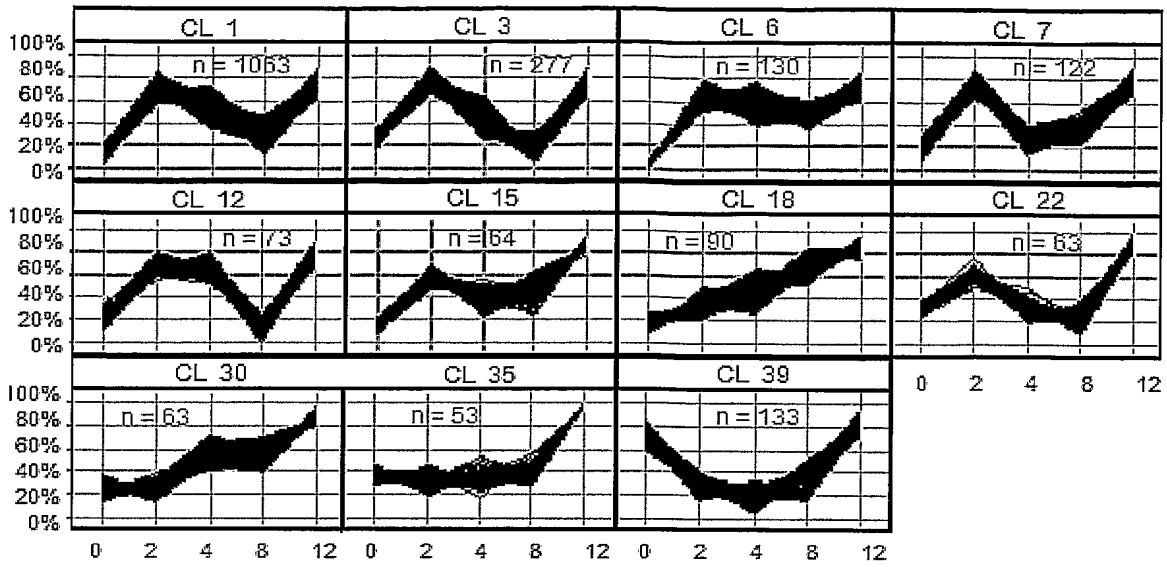


FIGURE 2A

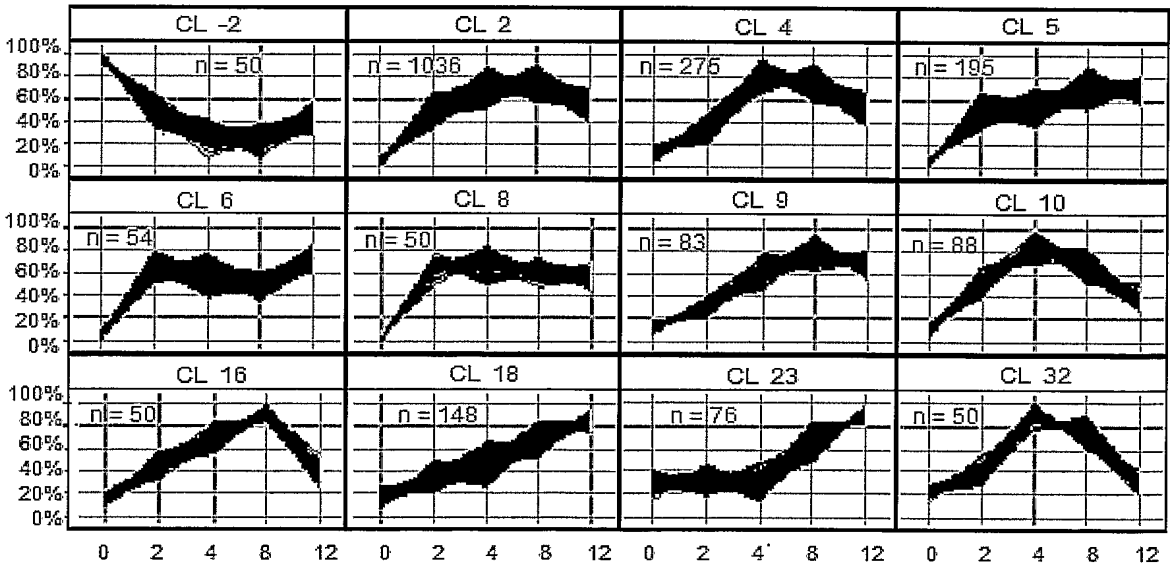


FIGURE 2B

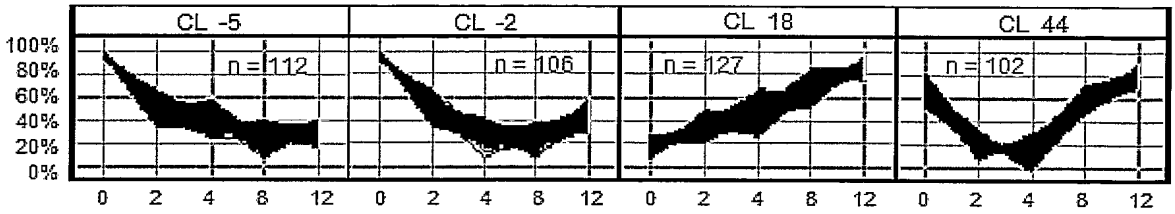


FIGURE 2C

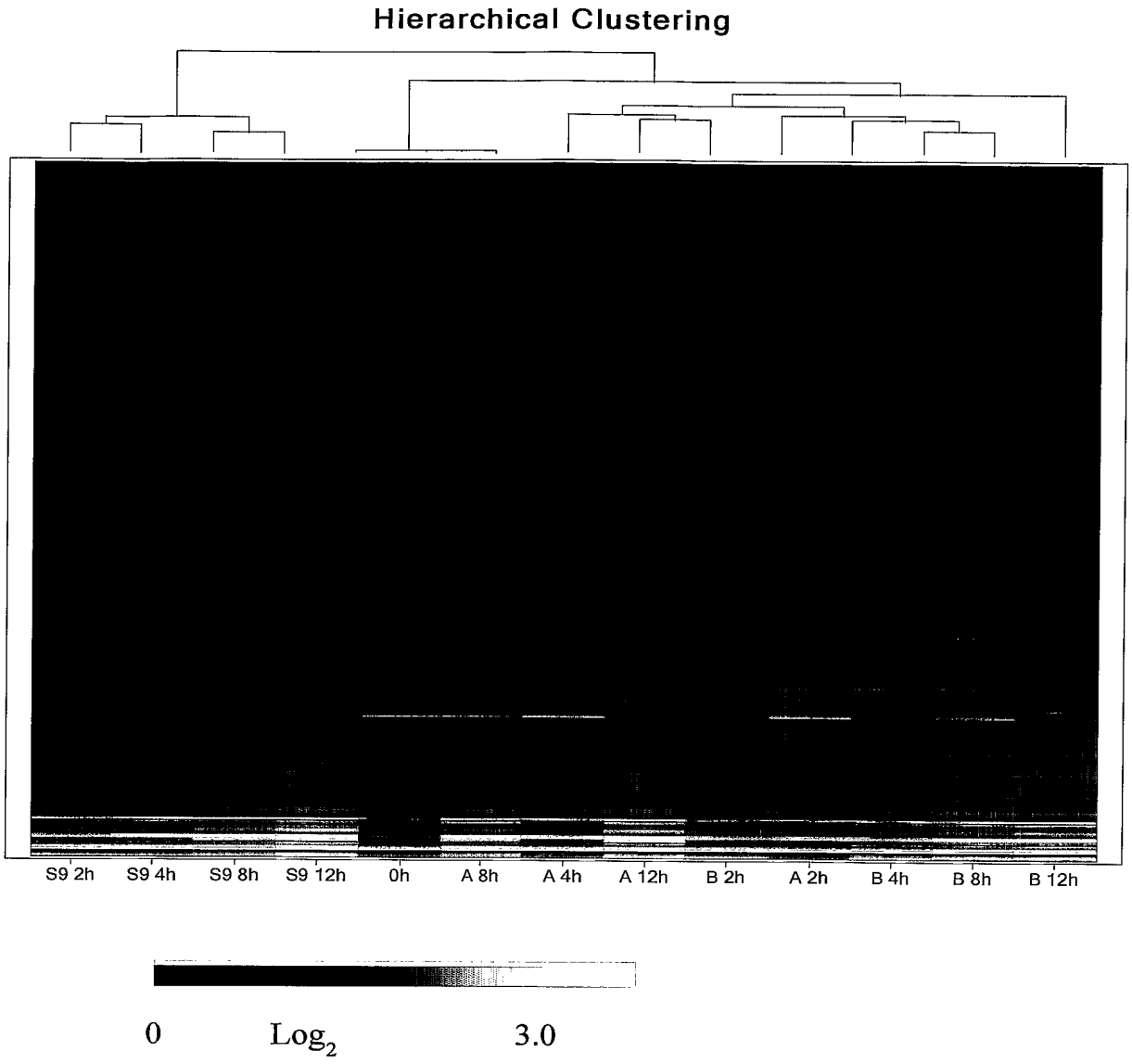

Hierarchical Clustering
S9 2h
S9 4h
S9 8h
S9 12h
0h
A 8h
A 4h
A 12h
B 2h
A 2h
B 4h
B 8h
B 12h
0
Log2
3.0

FIGURE 3

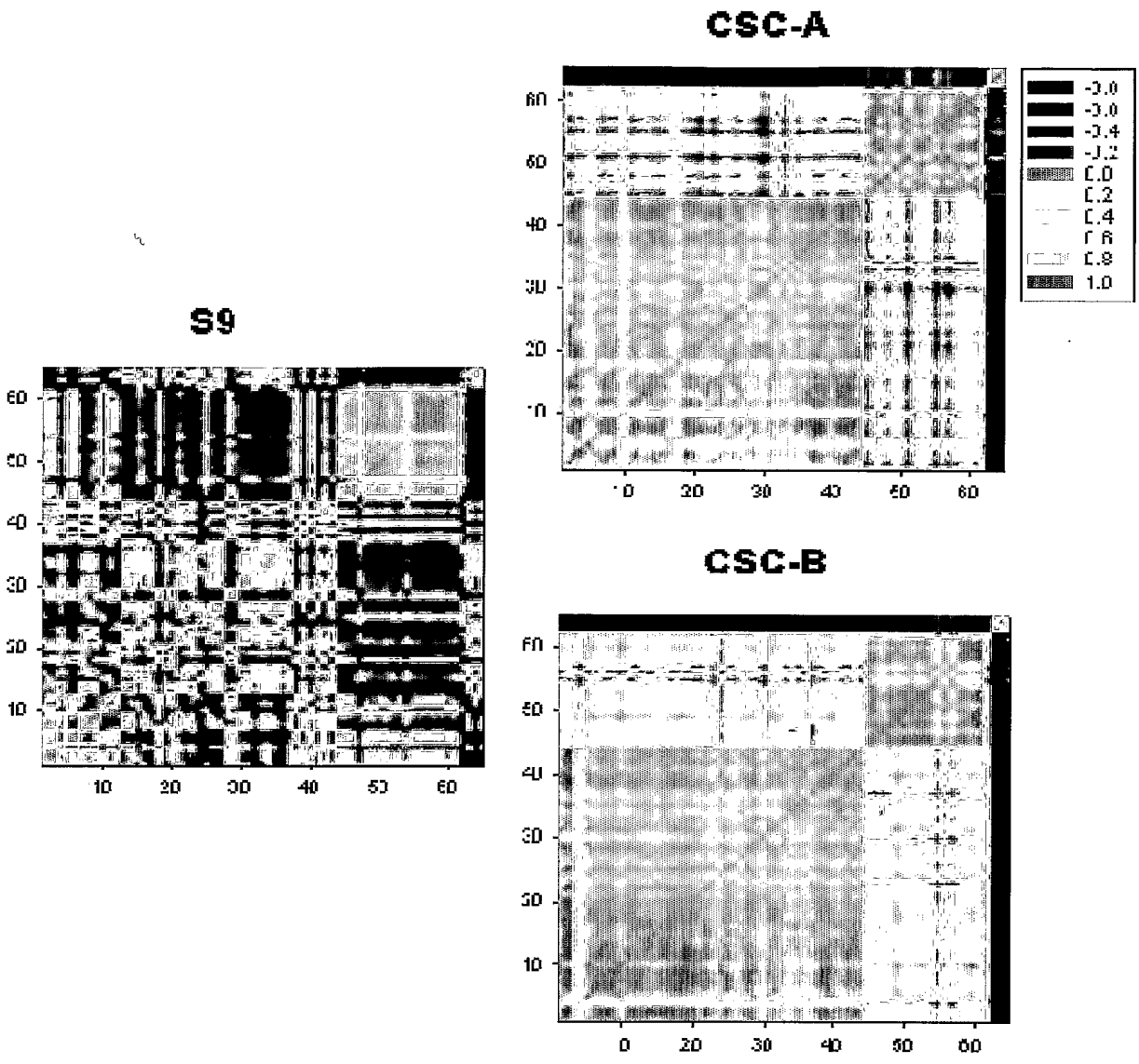


FIGURE 4

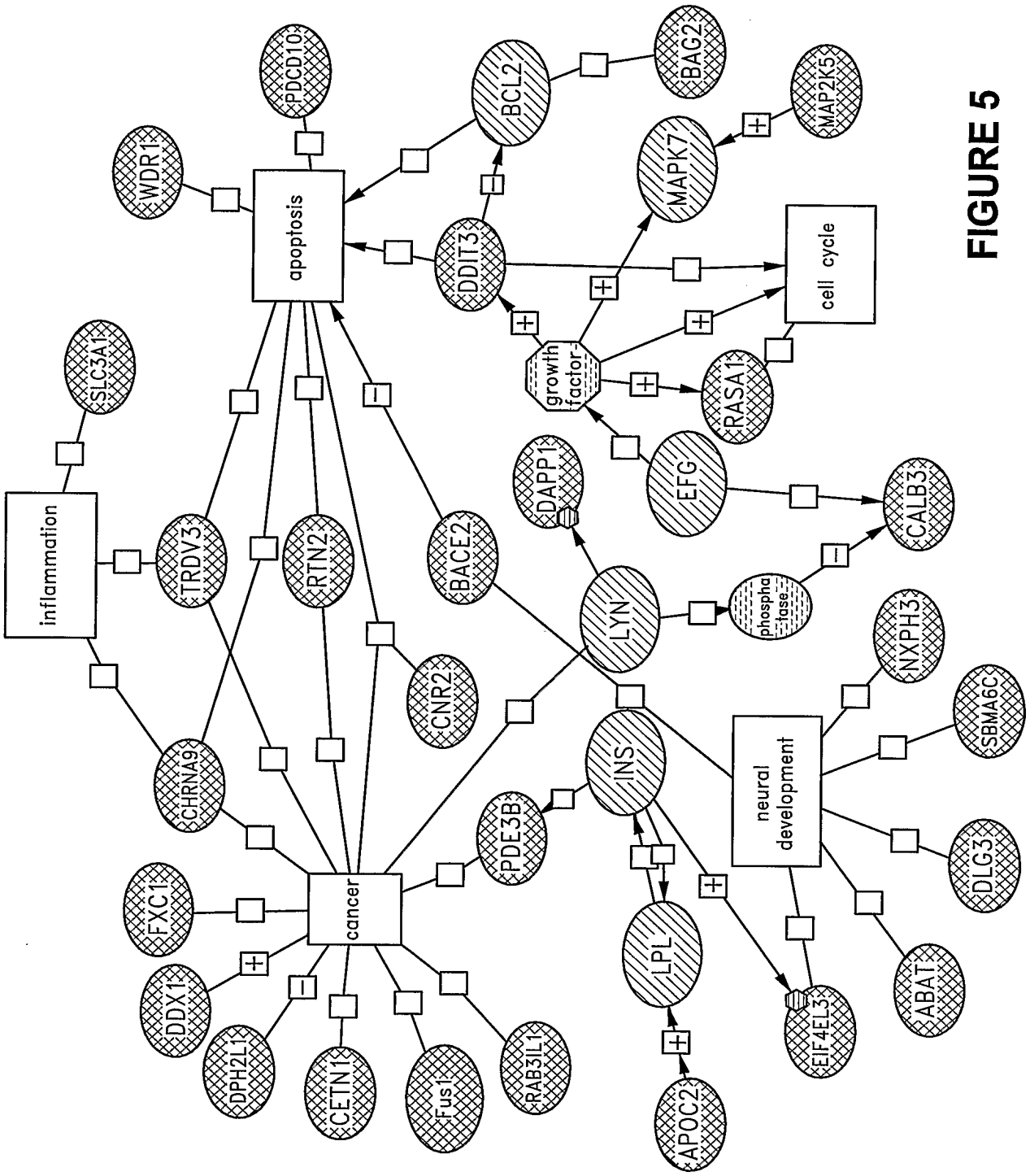

PDCD10
BCL2
BAG2
WDR1
apoptosis
MAP2K5
MAPK7
DDIT3
cell cycle
SLC3A1
growth factor
RASA1
EFG
DAPP1
CALB3
inflammation
TRDV3
RTN2
BACE2
LYN
phospha tase
CNR2
NXPH3
CHRNA9
INS
neural development
SBMA6C
PDE3B
FXC1
cancer
DLG3
LPL
DDX1
ABAT
DPH2L1
CETN1
Fus1
RAB3IL1
APOC2
EIF4EL3

FIGURE 5

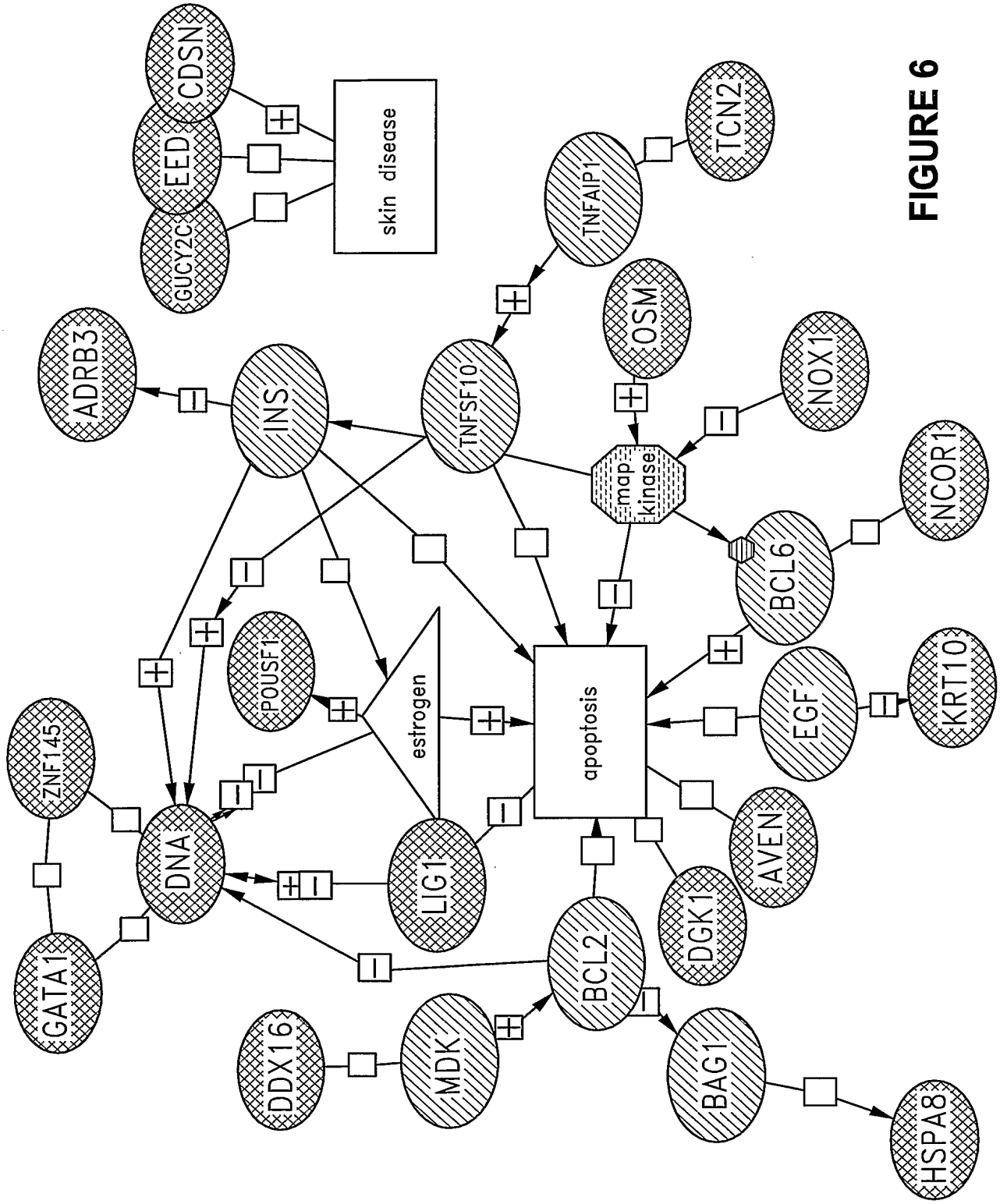

GUCY2C
EED
CDSN
skin disease
TNFAIP1
TCN2
ADRB3
INS
TNFSF10
OSM
NOX1
map kinase
NCOR1
BCL6
POUSF1
estrogen
apoptosis
EGF
KRT10
ZNF145
DNA
LIG1
AVEN
DGK1
GATA1
BCL2
DDX16
MDK
BAG1
HSPA8

FIGURE 6

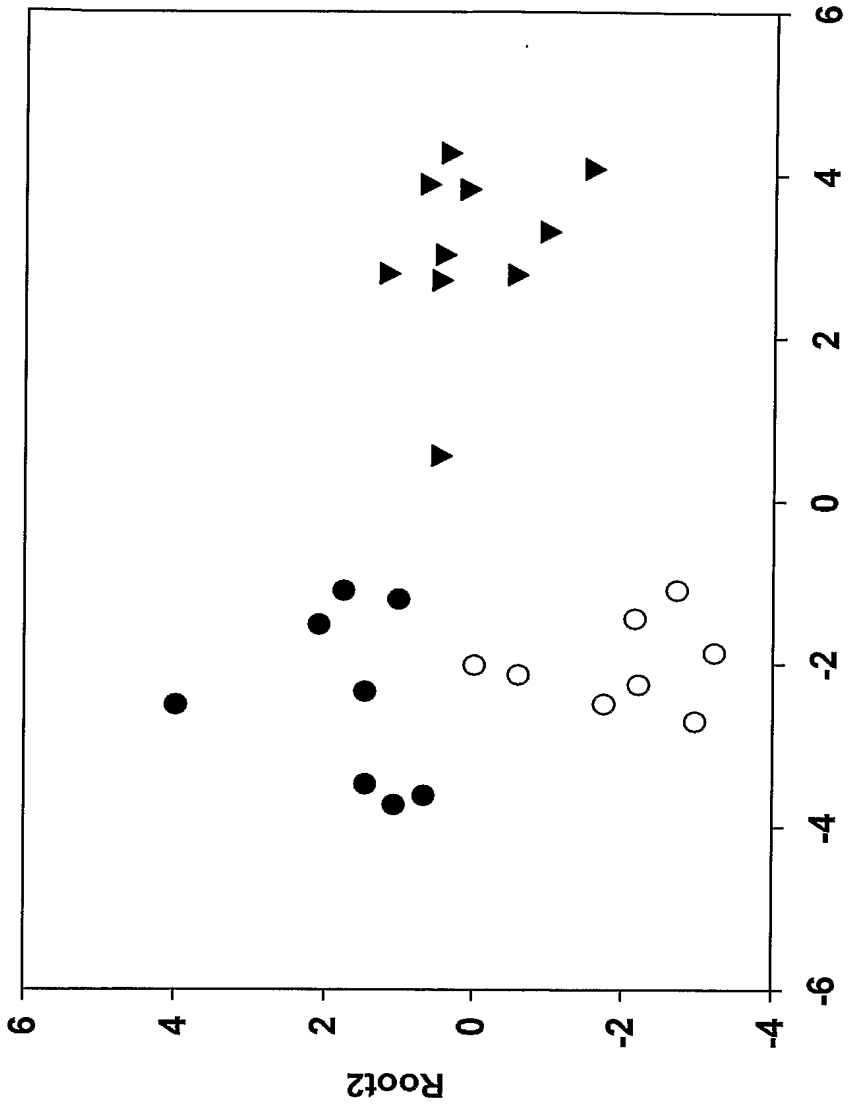


FIGURE 7

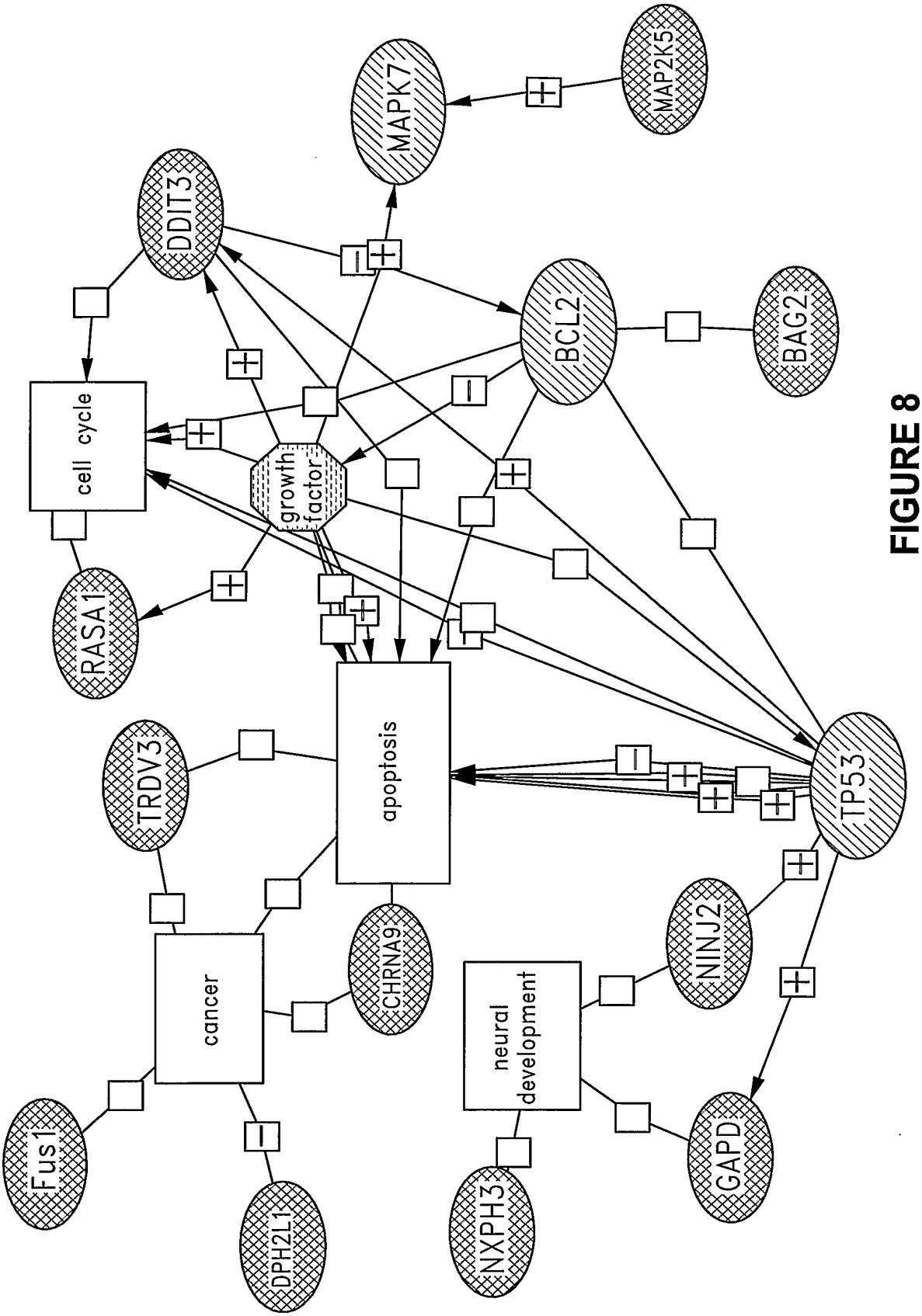

MAPK7
MAP2K5
DDIT3
BCL2
BAG2
cell cycle
growth factor
RASA1
apoptosis
TRDV3
TP53
cancer
CHRNA9
NINJ2
neural development
Fus1
DPH2L1
NXPH3
GAPD

FIGURE 8

FIGURE 9A

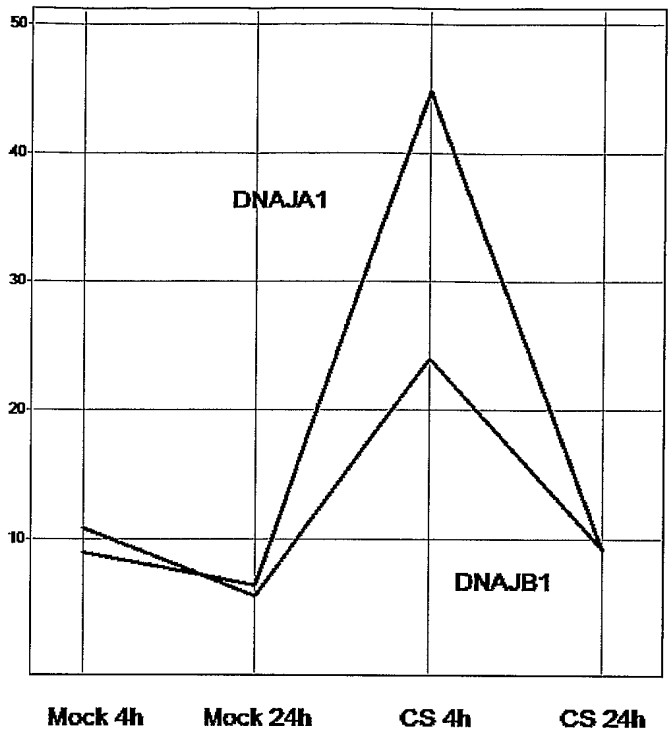
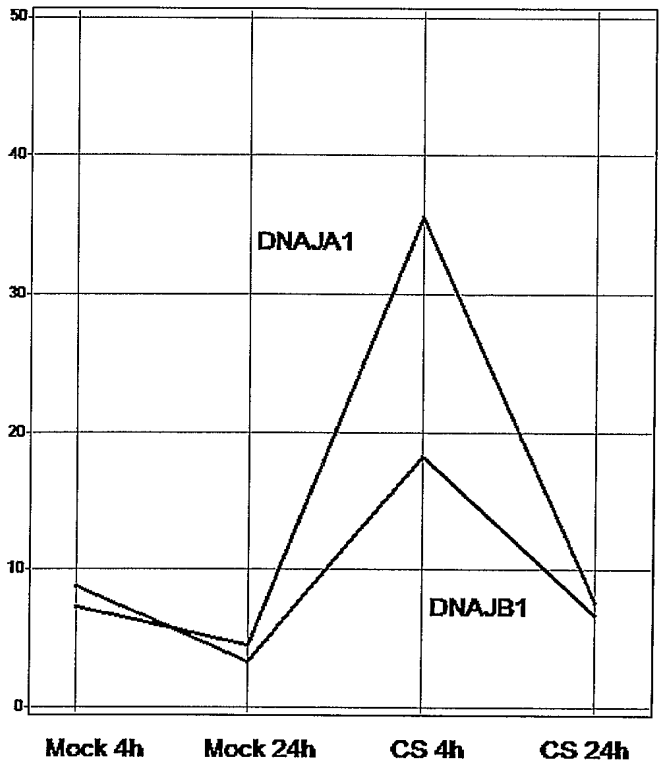


FIGURE 9B



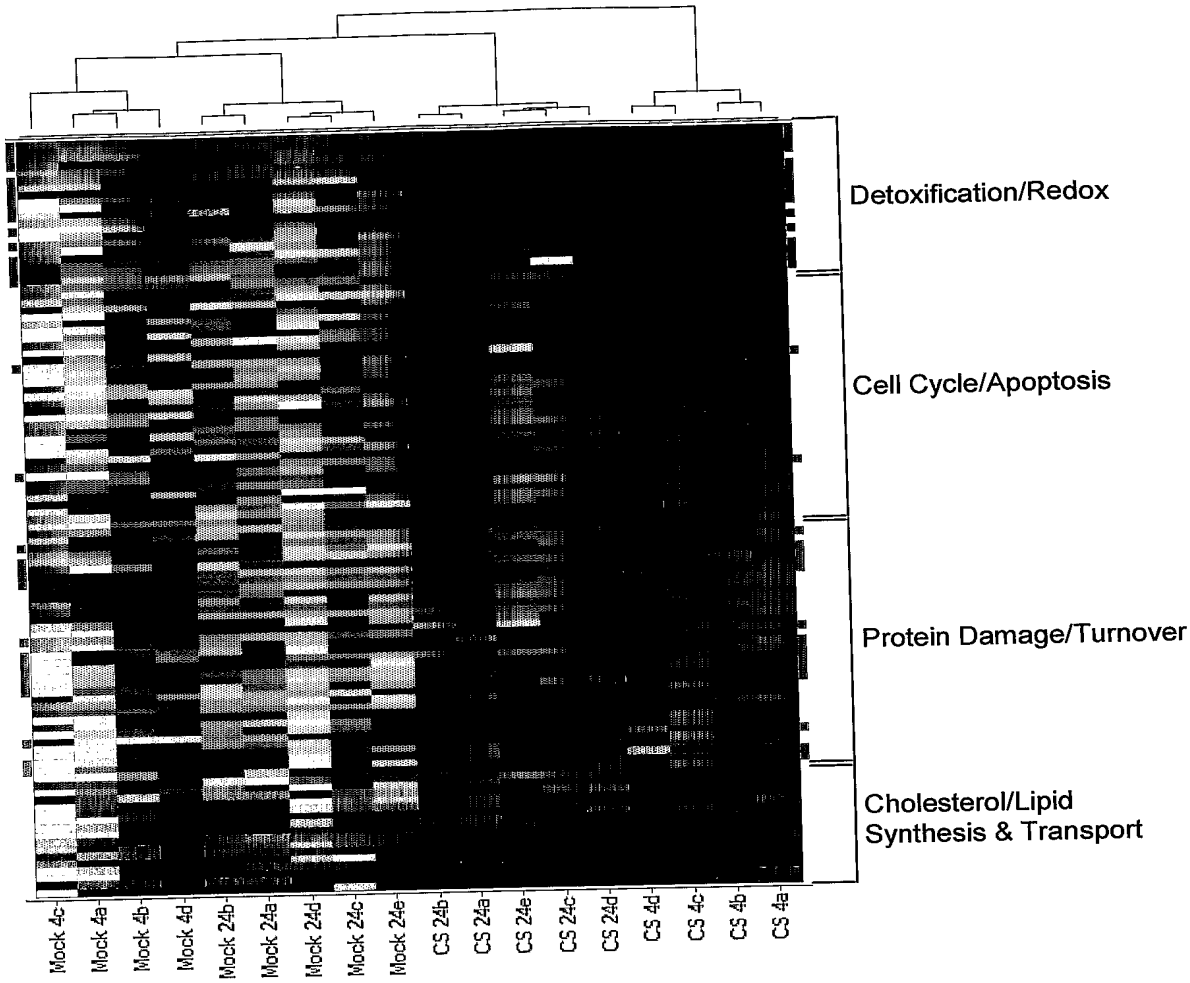

Detoxification/Redox
Cell Cycle/Apoptosis
Protein Damage/Turnover
Cholesterol/Lipid
Synthesis & Transport
Mock 4c
Mock 4a
Mock 4b
Mock 4d
Mock 24b
Mock 24a
Mock 24d
Mock 24c
Mock 24e
CS 24b
CS 24a
CS 24e
CS 24c
CS 24d
CS 4d
CS 4c
CS 4b
CS 4a

Figure 10

FIGURE 11

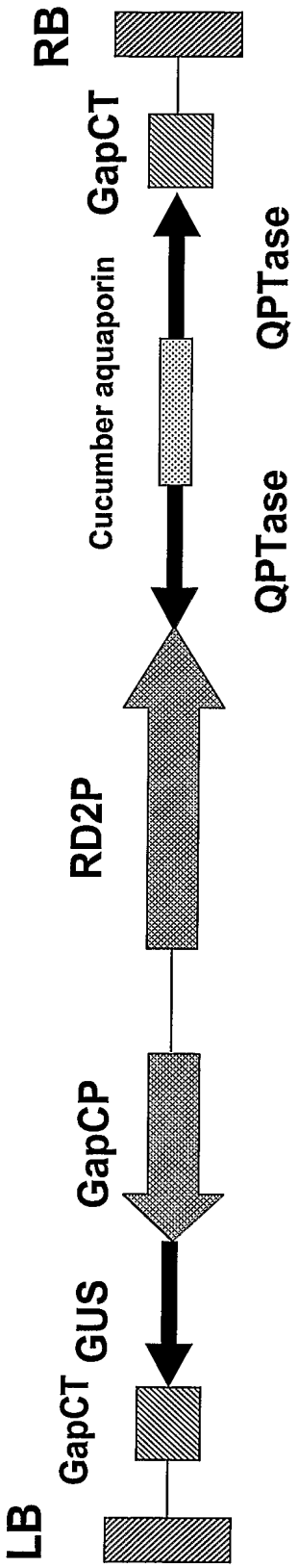
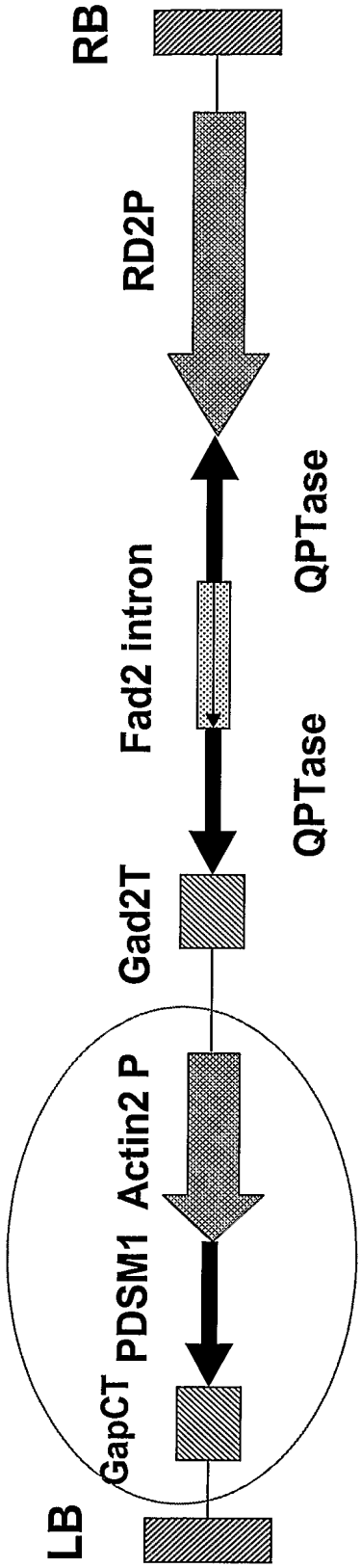

RB
GapCT
QPTase
Cucumber aquaporin
QPTase
RD2P
GapCP
GUS
GapCT
LB

FIGURE 12


RB
RD2P
QPTase
Fad2 intron
QPTase
Gad2T
Actin2 P
PDSM1
GapCT
LB